

Amendments to the Drawings:

It is requested that the Examiner approve the amendment to Fig. 2, which adds a reference numeral 5A referring to the non-insulated strands. An Annotated Drawing is attached as well as the Replacement Sheet.

Attachment: Replacement Sheet
Annotated Sheet Show Changes

REMARKS

This Amendment is in response to the Office Action of November 14, 2003, in which the Examiner objected to the drawings and claims for technical reasons.

The Examiner rejected certain claims over Shildneck in view of Elton '165.

Claim 7 was rejected over Shildneck in view of Elton and further in view of Takaoka. Certain claims were rejected over Shildneck in view of Elton and further in view of Lauw.

Figure 2 of the drawings has been amended in order to add a reference numeral 5A, which refers to the non-insulated strands. No new matter has been added.

The Specification at page 7 has been amended to add a reference numeral corresponding to the described non-insulated strands, and to delete the word "possibly" at line 4.

With respect to the technical objections, the claims have been amended in order to address each of the Examiner's concerns. Claim 20 has been amended to correct an obvious typographical redundancy. The technical corrections are not intended to further limit the claims.

The independent claims have been amended in order to incorporate therein a subject matter of claim 7, wherein the conductor is set forth as including insulated strands and uninsulated strands which are in contact with the inner-layer.

The Takaoka reference is directed to a high voltage transmission cable which has insulated and non-insulated strands, which is designed to overcome the so-called "skin effect." The present invention has conductor in which the strands in the conductor are insulated from each other and one or more strands are uninsulated and are in contact with the inner semiconductor layer. In Takaoka, there are insulated and uninsulated strands. However, the uninsulated strands in Takaoka are in contact with each other. As a result, eddy currents produced in the conductor do not migrate to adjacent strands, which could occur in Takaoka.

In view of the foregoing, it is respectfully requested that the Examiner reconsider his rejection of the claims, the allowance of which is earnestly solicited.

The Commissioner is authorized to charge Deposit Account No. 04-2223 for fees,
which may be required in this matter or credit any overpayment thereto.

Respectfully submitted

DYKEMA GOSSETT PLLC

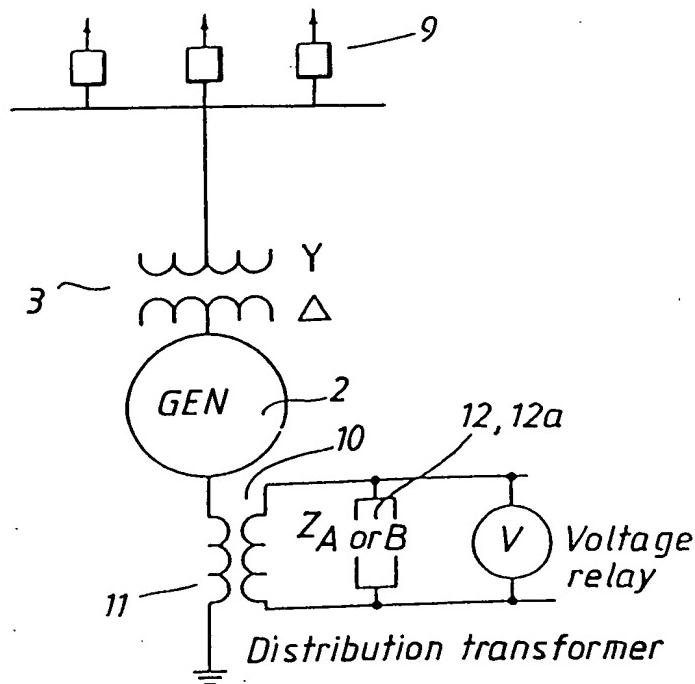
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Fig. 1



NOTES:

A=High resistans grounding when Z is resistive

B=Resonant grounding when Z is inductive

Fig. 2

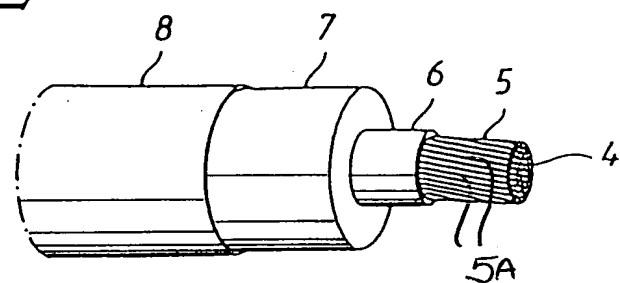


Fig. 3

